



Freedom To Create. Spirit To Achieve.

Advanced Education and Technology

2010-13 Business Plan Highlights

**Government
of Alberta ■**

Advanced Education and Technology

Vision

Alberta prospers through innovation and lifelong learning.

Mission

Lead the development of a knowledge-driven future through a dynamic and integrated advanced learning and innovation system.

aet.alberta.ca/post-secondary/campusalberta.aspx

Campus Alberta

Campus Alberta consists of Alberta's advanced learning system partners collaborating to ensure all Albertans have the opportunity to participate in lifelong learning through flexible learning pathways. Campus Alberta partners include publicly funded post-secondary institutions and the apprenticeship and industry training system working to create accessible, affordable and quality learning opportunities for Albertans. Private providers, community-based organizations and industry also provide diverse learning opportunities within Campus Alberta to ensure Alberta's advanced learning system meets the lifelong learning needs of all Albertans. Advanced Education and Technology provides long-term strategic direction and collaborates with Campus Alberta partners to align system capacity and demand, and to create a quality, globally recognized advanced learning system that is sustainable, resilient and responsive to learner, economic and social needs.

albertainnovates.ca

Alberta Innovates

Alberta Innovates consists of the Alberta Research and Innovation Authority, and four publicly funded corporations: Alberta Innovates – Bio Solutions, Alberta Innovates – Energy and Environment Solutions, Alberta Innovates – Health Solutions and Alberta Innovates – Technology Futures. Alberta Innovates works with key innovation support agencies, publicly funded post-secondary institutions, industry and government to further research and innovation in the province and make Alberta more competitive in the global economy. Advanced Education and Technology provides long-term strategic direction and collaborates with Alberta Innovates partners to build a prosperous province and position Alberta's research and innovation system globally as a destination of choice for partnerships in key priority areas.

Core Business 1

Provide Strategic Leadership for Campus Alberta

Goal 1

A globally recognized, quality advanced learning system meets the needs of Alberta

Strategies

- 1.1 Develop the Campus Alberta brand and continue to promote Alberta's quality advanced learning system.
- 1.2 Further collaborative initiatives in the advanced learning system in support of Campus Alberta objectives through implementation of Campus Alberta Administration.
- 1.3 Align the program approval process with the Alberta Access Planning Framework, Roles and Mandates Framework, quality assurance and accountability mechanisms, and available resources.
- 1.4 Implement international education strategies through collaboration with post-secondary institutions in support of Campus Alberta and Alberta Innovates objectives.
- 1.5 Collaborate with post-secondary institutions, the Alberta Apprenticeship and Industry Training Board, industry and other advanced education stakeholders to facilitate student mobility and increase capacity for assessment and recognition of credentials, competencies and prior learning.
- 1.6 Continue to implement the Roles and Mandates Framework directions to strengthen the community adult learning system and its linkages to comprehensive community institutions to increase innovation, responsiveness and learner transitions.
- 1.7 Enhance the capacity and utilization of Alberta's public post-secondary and research infrastructure to support the sustainability of high-quality advanced learning and research opportunities in collaboration with the Ministry of Infrastructure.
- 1.8 Review and realign resources to maintain momentum towards a sustainable and efficient advanced learning and innovation system that can respond to learner needs and a knowledge-based economy.
- 1.9 Encourage private sector investment in the advanced learning system through the Access to the Future Fund.
- 1.10 Attract and inspire the best and brightest students through comprehensive scholarship programs.
- 1.11 Articulate the quality assurance and accountability mechanisms that support the global recognition of Alberta's quality advanced learning system.

Outcomes

Performance Measures	Last Actual	Year	Target 2010-11
Alberta's post-secondary system is globally recognized			
International visa students registered at Alberta post-secondary institutions	9,934	2007-08	11,500
Credentials, prior learning and experience are valued and recognized			
Percentage of transfers where post-secondary graduates with prior learning had received the transfer credit they expected	87%	2007-08	n/a
Quality learning opportunities are offered by the advanced learning system			
Satisfaction of recent post-secondary graduates with the overall quality of their educational experience	91%	2007-08	n/a
Satisfaction of recent apprenticeship graduates with on-the-job training	92%	2008-09	90%+
technical training	94%	2008-09	90%+
The advanced learning system collaborates in support of Campus Alberta objectives *			

n/a Data available every other year.

* Performance measures to track progress towards this outcome are under investigation.

Engage the Learner, Industry and Community in Learning Opportunities

Goal 2

A learner-centered, affordable advanced learning system accessible to Albertans

Strategies

- 2.1** Ensure alignment of institutional program priorities with the Alberta Access Planning Framework through collaboration with post-secondary institutions.
- 2.2** Develop a framework outlining the range of private education providers and define their role in relation to the Roles and Mandates Policy Framework for Alberta's Publicly Funded Advanced Education System.
- 2.3** In collaboration with the Ministries of Education and Employment and Immigration, work with community adult learning providers and comprehensive community institutions to implement priority actions in *Living Literacy: A Literacy Framework for Alberta's Next Generation Economy*.
- 2.4** Maintain the responsiveness of Alberta's student financial assistance program to meet the needs of eligible learners.
- 2.5** Through collaboration with delivery partners, reduce complexity and streamline student financial assistance policies and processes through simplified materials, technologies and supports.
- 2.6** Work with government ministries and Aboriginal organizations to identify opportunities to expand access and reduce the gap in achieving learning outcomes for Aboriginal learners.
- 2.7** Inform parents, learners, educational influencers and employers about Campus Alberta opportunities and benefits.
- 2.8** Develop an effective data collection process in collaboration with private vocational schools, Aboriginal colleges and community adult learning providers to provide a comprehensive overview of post-secondary participation in Alberta.
- 2.9** Develop and support online self-service functions for apprenticeship and industry clients to further effective service delivery.
- 2.10** Work with the Alberta Apprenticeship and Industry Training Board, Skills Canada Alberta and stakeholders to support and build awareness of the skills movement.

Outcomes

Performance Measures	Last Actual	Year	Target 2010-11
A broad array of learning opportunities is available across the province			
<i>Public satisfaction that adult Albertans can access education or training</i>	79%	2008-09	80%
Participation in advanced learning opportunities is affordable			
<i>Proportion of recent graduates who agree that the program they graduated from was worth the financial cost</i>	84%	2007-08	n/a
<i>Ratio of total debt at graduation to income two years after graduation</i>	32.7%	2007-08	n/a
<i>Scholarship dollars per full-time student studying in Alberta</i>	\$324	2007-08	\$401
Learners participate in the advanced learning system and achieve their learning outcomes			
<i>Proportion of Albertans aged 18-34 participating in post-secondary education</i>	16%	2008	18%
<i>New apprentices registered (five year average)</i>	19,986	2008	20,000
<i>Aboriginal learners participating at post-secondary institutions</i>	7,677	2007-08	7,850

n/a Data available every other year.

Provide Strategic Leadership for Alberta Innovates

Goal 3

Excellence in research, innovation and commercialization drives Alberta's future success

Strategies

- 3.1** Promote alignment of programs and investments in support of Government of Alberta priorities for advancing research and innovation in the key areas of bioindustries, energy and environment, and health.
- 3.2** In collaboration with the Alberta Innovates corporations, implement the Alberta Research Capacity Planning Framework in parallel with the Alberta Access Planning Framework.
- 3.3** Work with the Alberta Research and Innovation Authority to provide government with long-term strategic advice on research and innovation.
- 3.4** Provide guidance to the Alberta Innovates corporations and other stakeholders in developing a comprehensive system-wide approach to the attraction, retention and development of highly qualified personnel.
- 3.5** Systematically evaluate opportunities, make recommendations and implement strategies to support the development of technology and industry sectors where Alberta can be globally competitive in consultation with Alberta Innovates stakeholders.
- 3.6** Provide leadership and strategic direction in the development of information and communication technology, nanotechnology, life sciences, genomics, other platform technologies and emerging industry sectors.
- 3.7** Implement the Alberta Innovates Performance Indicator Framework to assess the system's research and innovation performance.
- 3.8** In collaboration with the Alberta Innovates corporations, coordinate the implementation of a marketing strategy to profile Alberta Innovates regionally, provincially, nationally and internationally, and facilitate targeted multinational enterprise attraction and partnership activities.
- 3.9** Create new programs and develop partnerships between jurisdictions, communities, industry and institutions to enhance technology and the business development environment for innovation and technology commercialization in support of Government of Alberta priorities.
- 3.10** Build information and knowledge networks and create the Alberta Innovates Connector Service to facilitate information sharing across the research and innovation system and promote a client-oriented culture among innovation service providers.

Outcomes

Performance Measures	Last Actual	Year	Target 2010-11
Research contributes to areas where Alberta has or is developing a competitive advantage			
Total sponsored research revenue attracted by Alberta's comprehensive academic and research institutions (\$ million)	761	2007-08	761
Total sponsored applied research revenue attracted by Alberta's baccalaureate and applied studies institutions, polytechnical institutions, comprehensive community institutions, and specialized arts and culture institutions (\$ million)	6.7	2007-08	6.7
Graduate students studying in Alberta	18,640	2007-08	18,680
Percentage of graduate students studying in priority areas	33.4%	2007-08	33%
A growing, diversified economy through knowledge-based industries			
Alberta business expenditures on research and development (\$ million)	1,220	2006	1,220
Albertans employed by companies in priority areas	140,100	2008	135,000
percentage of Albertans	7.0%	2008	6.8%
Percentage of Canadian venture capital invested in Alberta	5.3%	2008	5.0%
A coordinated Alberta Innovates system captures value from research and innovation *			

* Performance measures to track progress towards this outcome are under investigation.

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aet.alberta.ca

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Corporate Planning and Reporting

See the complete 2010-13 Business Plan at aet.alberta.ca.

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